

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>1181P84WO01</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/CA2004/000026</b>	International filing date (day/month/year) <b>15/01/2004</b>	(Earliest) Priority Date (day/month/year)
Applicant  <b>ENVIRONMENTAL APPLIED RESEARCH TECHNOLOGY ...</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

## 4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. With regards to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

National Application No  
PCT/CA2004/000026

<b>A. CLASSIFICATION</b> <b>OBJECT MATTER</b> IPC 7    B01J20/26    B01J20/28    B01D17/04    B01D17/02    C02F1/40		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7    B01J    B01D    C02F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/20115 A (EARTH CANADA CORP ; BENACHENOU AMINE (CA); PARENT JEAN PIERRE (CA)) 14 March 2002 (2002-03-14) cited in the application abstract claims page 3, line 20 - page 5, line 16 page 12, line 8 - line 13 page 13, line 1 - line 4	1-6, 24-34
Y		24-26, 34
A	US 4 230 566 A (FAUDREE III THOMAS L) 28 October 1980 (1980-10-28) column 1, line 60 - column 2, line 19 column 2, line 55 - column 3, line 19 column 7, line 57 - column 9, line 41	1-23, 27-30, 33
Y	----- -/-	24-26, 34
<div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.</span> <span><input checked="" type="checkbox"/> Patent family members are listed in annex.</span> </div>		
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search  <div style="text-align: center; font-weight: bold;">14 October 2004</div>		Date of mailing of the international search report  <div style="text-align: center; font-weight: bold;">22/10/2004</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  <div style="text-align: center; font-weight: bold;">Gosselin, D</div>

# INTEPATATIONAL SEARCH REPORT

national Application No  
PCT/CA2004/000026

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 913 513 A (PEDONE VITO S) 21 October 1975 (1975-10-21) abstract column 5, line 25 - line 64 column 7, line 29 - line 44	1-7, 27-30, 33
Y		24-26, 34
X	US 4 256 573 A (SHIMODAIRA CHIAKI ET AL) 17 March 1981 (1981-03-17) abstract column 6, line 3 - line 55 examples 3,4	1-6, 27-30, 33
Y		24-26, 34
X	US 3 797 666 A (AZUMA S ET AL) 19 March 1974 (1974-03-19) column 6, line 44 - line 49 column 8, line 14 - line 31 column 8, line 60 - column 9, line 13 example 1 claims 1,3	1-6, 30-34
Y		24-26, 34
X	US 4 115 266 A (OHSHIMA KATSUTOSHI) 19 September 1978 (1978-09-19) abstract column 2, line 10 - line 23 column 3, line 52 - line 54 column 4, line 47 - line 55 examples 1-3 claims	1-5
Y		24-26, 34
X	US 6 391 448 B1 (GEISER KURT M) 21 May 2002 (2002-05-21) column 1, line 56 - column 2, line 24 column 2, line 56 - column 3, line 35 claims	1-5, 30, 33

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/000026

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0220115	A	14-03-2002	AU 9154801 A BR 0113888 A WO 0220115 A2 CA 2421076 A1 CN 1474711 T EP 1322393 A2 JP 2004507356 T NO 20031041 A US 2004112823 A1	22-03-2002 08-06-2004 14-03-2002 14-03-2002 11-02-2004 02-07-2003 11-03-2004 06-05-2003 17-06-2004
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